

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:

WENHUA LIN

Serial No.: 09/991,893

Filed: November 5, 2001

)
) Group No.: 2872
)
) Examiner: Unknown
)
) Docket No. LIGHT2180
)

For: COMPACT OPTICAL EQUALIZER

CERTIFICATION UNDER 37 CFR § 1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date 24 January 2002, in an envelope addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231

24 January 2002

Terrance A. Meador

Date

Signature

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Applicant hereby cites the documents listed in accompany Form PTO-1449 with respect to the above-referenced patent application under the provisions of 37 CFR 1.97(b). Copies of the documents are attached.

The Examiner is respectfully requested to make the listed documents of record in connection with the prosecution of the subject application.

Respectfully submitted,

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<p>Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as needed)</p> <p style="text-align: center;">OPPE</p> <p style="text-align: center;">FEB 07 2002</p>			COMPLETE IF KNOWN		
			Application Number	09/991,893	
			Filing Date	11/05/01	
			First Named Inventor	Lin	
			Group Art Unit	2872	
			Examiner Name	Unknown	
SHEET	1	OF	6	Docket Number	LIGHT2180

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
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2	4,747,654			Yi-Yan	03-31-1988	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
18	EPO	0647861A1			AT&T Corp.	12.04.1995		
19	EPO	0985942A2			Lucent Technologies, Inc.	15.03.2000		
20	Japan	2-179621			Oki Electric Ind. Co. Ltd.	12.7.1990		
21	Japan	6-186598			Hitachi Ltd.	8.7.1994		
22	Japan	63-197923			NEC Corp.	16.8.1988		

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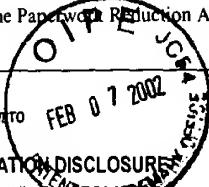
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					T ⁶
23		ABE, et al., <i>Optical Path Length Trimming Technique using Thin Film Heaters for Silica-Based Waveguides on Si</i> , Electronics Letters, September 12, 1996, Vol. 32-No. 19, pp. 1818-1820.					
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25		AMAN, M.C., <i>Calculation of Metal-Clad Ridge-Waveguide (MCRW) Laser Modes by Mode Coupling Technique</i> , Journal of Lightwave Technology, VOL LT-4, No.6, June 1986, pg 689-693					

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Unique citation designation number. ³See attached Kinds of U.S. Patent Documents. ⁴Enter Office that issued the document, by the two letter-code (WIPO Standard ST.3).

⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets necessary)</small>				COMPLETE IF KNOWN			
Substitute for form 1449A/2000 FEB 01 2002							
SHEET 3 OF 6		Docket Number LIGHT2180					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			²
52	✓	GRANESTRAND, P. et al., <i>Integrated Optics 4x4 Switch Matrix with Digital Optical Switches</i> ; Electronics Letters, VOL 26, No.1, Jan 4, 1990; pg 4-5			✓
53	✓	HIMENO, A. et al., <i>Loss Measurement and Analysis of High-Silica Reflection Bending Optical Waveguides</i> , Journal of Lightwave Technology, January 1988, Vol. 6-No. 1, 41-46.			✓
54	✓	HSU, K.Y. et al., <i>Photonics devices and Modules</i> , www.cc.nctu.edu.tw/~ctr/lee_mli/research_topic/photonics_devices_modules.htm , pp 1-3.			✓
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56	✓	HUTCHESON, L.D. et al., <i>Comparison of Bending Losses in Integrated Optical Circuits</i> ; Optics Letters, VOL 5, No.6, Jun 1980; pg 360-362			✓
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65	✓	KHAN, M.N. et al., <i>High-Speed Operation of Quantum Well Electron Transfer Digital Optical Switches</i> ; pg 102-102c			✓
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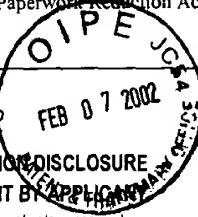
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				First Named Inventor	Lin
				Group Art Unit	2872
				Examiner Name	Unknown
SHEET	4	OF	6	Docket Number	LIGHT2180

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ⁶
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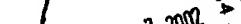
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

CITED PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
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		Application Number	09/991,893		
		Filing Date	11/05/01		
		First Named Inventor	Lin		
		Group Art Unit	2872		
Examiner Name	Unknown				
SHEET	2	OF	6	Docket Number	LIGHT2180

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			Ts
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